

IN THE SPECIFICATION:

The paragraph beginning at page 2, line 13 of the substitute specification has been amended as follows:

- 5 For a normal stimulation pattern in biventricular stimulation devices the left ventricle is the first stimulated heart chamber and the right ventricle the second one, since LBBB is much more frequent than RBBB. An intrinsic R wave originating from e.g. a conducted P wave will thus be sensed in the right ventricle, probably shortly after the stimulation pulse is delivered to the left
10 ventricle. In the stimulation device according to the invention an ERW is always started after each one of the stimulation pulses to the first ventricle even when a short VV time ~~delays~~ delay is programmed. The evoked response detector of the stimulation device is then arranged to close the ERW or discard detections therein in response to the emission of a stimulation
15 pulse to the second ventricle during the ERW of the first stimulated ventricle. Thus, only if there is emitted a stimulation pulse to the second ventricle no decision concerning capture or loss of capture of the first ventricle will be taken. An important feature of the stimulation device according to the invention is that the evoked response detector is provided with first and
20 second, independent ventricular sensing channels for ventricular evoked response detection in the respective ventricles, as in for instance Epic HF.